

RAY BATTERY STANDS UP IN HARDEST TEST

Edward Hines Receives Interesting Report on Results Under Severe Conditions.

Edward Hines, of the Hines Auto Supply Company, of 230 D street northwest, recently appointed distributor for the popular Ray battery today received the following report of some interesting tests to which the Ray battery has been subjected.

Excerpts from a letter from Morgan Bros., Downing, Mo., to their distributor, the Moerschell Electric & Auto Supply Co., St. Louis, say: "We placed a new Ray 11 plate in our Overland and started for Lancaster. Arriving there we called on the leading battery man who was selling batteries. He was very skeptical, so to convince him we drove the car on a level street, stopped the motor, stepped on the starter and pulled the car almost two blocks, at which time we stopped on account of the starting motor being hot, this being a new car. We drove to the garage about two blocks away and decided to run the battery down, pulling the motor against compression, which we did with several little bets as to how long it would pull

NEARLY 90,000 VISIT YOSEMITE THIS YEAR

Autumn travel to Yosemite National Park is the best in the park's history, giving every evidence of continuing as good throughout October and November. The attendance is racing toward the 90,000 mark, which probably will put Yosemite ahead of Yellowstone for the first time. The close of the "travel year," which is merely a statistical period, does not mean that Yosemite closes. The park is open every day in the year and private automobile travel will continue well into December.

the motor, ranging from one to five minutes. After twelve minutes the motor finally stalled. After one minute recuperation the motor started again, this test being continued seven times.

"We welded several spikes together with a 13-plate battery during this time. Some one remarked, 'I'll bet the battery you just ran down will not weld spikes together, and to their surprise we welded spikes white-hot on the apparently run-down battery. The conclusion was the battery man asked, 'might I have a contract for this territory.' Ten miles away we landed at another town, Queen City by name, where the same battery was again discharged, taking about five minutes. The same performance was gone through here with a signed dealer as the result.

Six miles more and we landed in Green Top where we made the man take off his hat and said 'never bet I see one like this.' With several demonstrations more the battery turned in a record of forty-five total discharges 'till the motor stalled; besides always starting the motor when we were ready for it without any outside help except from the generator."

PRICES GREATLY REDUCED (Effective September 1st)

GOULD STORAGE BATTERY

WITH THE **Dreadnaught PLATES**

Longest Life by Owners' Records

There is but one test by which to judge any battery—its service record of the past, plus its service possibilities of the future.

The Gould of Yesterday—in the recent Gould Endurance Contest hundreds of batteries, with their famous Dreadnaught Plates, showed service records averaging 4 years, 1 month.

The Gould of Today—The new Gould Dreadnaught Battery is now available to every car owner. It has the same record-breaking Dreadnaught Plates, protected with the new acid-resisting Dreadnaught Armored Separators.

This combination insures super-battery service. It insures added life, added endurance, added economy to the battery that has already demonstrated longest life by the test of owners' records.

AUTHORIZED GOULD SERVICE STATIONS

DOUBLEDAY-HILL ELECTRIC CO.,
715 12th Street N. W.

MAINE 4681
Exclusive Wholesale Distributors
District of Columbia, Maryland, Virginia and North Carolina
Valuable Territory Open—Write Us for Exclusive
Service Station Proposition for Your Locality

SOUTHWEST BATTERY CO.,
1230 L St. N. W., Washington, D. C.
KENT WHITE, 502 King St. Alexandria, Va.
SHADE MOTOR CO., Winchester, Va.
GENERAL BATTERY SERVICE CO., 504-506 St. Paul St., Baltimore, Md.

MOUNTAIN CITY GARAGE, Frederick, Md.
ROCKINGHAM GARAGE, Harrisonburg, Va.
SHOWERS BROTHERS GARAGE, Martinsburg, W. Va.
WELLES BROTHERS GARAGE, Charles Town, W. Va.
D. R. FARMAN & SON, Westminster, Md.

Can Deduct License Fees.

All owners of passenger automobiles, by filing out their income tax returns, may deduct from gross income the amount they have paid for license fees, such fees being regarded as a repair, depreciation and upkeep of an automobile is not deductible.

WINTON SIX

After War—A Better Car

A clerk resigned from the Patent Office 70 years ago because "Nothing more can be invented." Benjamin Franklin was urged not to start a newspaper because three good newspapers were already printed in America. Many people think motor-car perfection stopped when the world war began. True, war stopped progress temporarily. But now the spirit of leadership lives again, and we are showing to those who enjoy superiority a highly advanced car. For appointment simply call North 3863.

T. LAMAR JACKSON,
R & Fourteenth Streets N.W.
Phone North 3863.



Farms Using Motor Trucks.

Pennsylvania has over 3,500 motor trucks on farms, and the States reporting the largest number of motor trucks on farms in 1920, Illinois stood first with 23,102, followed by Iowa with 20,370 and Kansas with 17,177.

Japs Produce Tiny Autos.

A small automobile named "The Midget" now in the period of trial in Japan has a wheelbase 34 inches. The total weight of the car is 850 pounds. The machine is designed for the narrow and crowded streets in that country.

HERE ARE THE CARS SHOWN THUS FAR



AUTO IS ESSENTIAL FOR WHOLE FAMILY

Has Become As Necessary As Bathroom, Telephone, or Electric Light.

The motor car in business is just as essential as men and capital. There is no argument about that. Every business man knows it.

But there is one place where the motor car has not completely come in to its own, and strange as it may seem, that is in the family life of the American home. Says H. H. Thomas, Eastern representative, Grant Motor Car Corporation: "To be sure, thousands of American homes have added the motor car to their homekeeping equipment, and wonder as we all did when the telephone came, how we ever got along without it."

The motor car as part of the home-keeping equipment is just as essential as the telephone, the electric light or the bathroom. Homes that have motor cars will agree with that. It is positively true. For these things are necessities—and the motor car is a necessity.

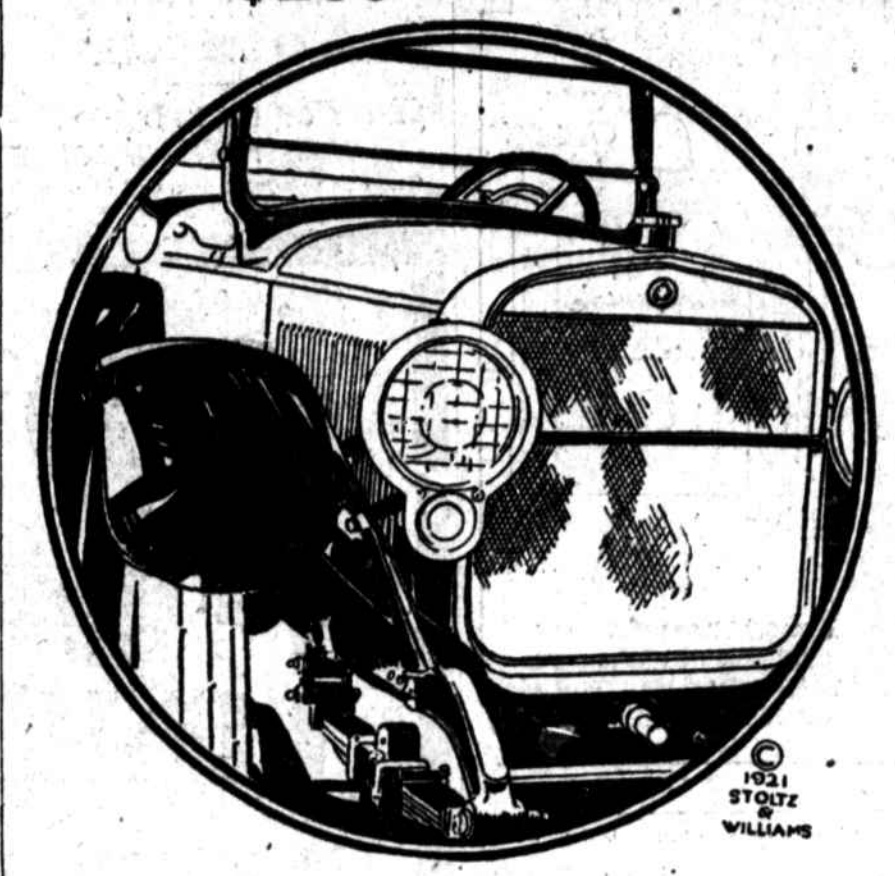
Safe, rapid, convenient and an ever ready ever present method of transportation is the right of every individual. He can find it alone in his motor car. Growing distances between work and home, the needed conservation of time, the increasing speed in business life, the lure of the field, the stream, the woods—all these have combined to take the motor car out of the luxury class and place it where it rightly belongs, in the class of necessities, of modern conveniences. The most valuable article in home equipment is something that is equally useful and useable by every member of the family. The motor car meets that test. It is for father, mother, daughter and son. No article among the home essentials is a better investment. Its dividends are convenience, better living, health and happiness, all shared equally by the entire household.

The short period of financial and business depression has caused many people to get along without a car, just as they felt that they should forego many other necessities. That period is rapidly passing, and will soon be forgotten. Normalcy is on its way as can be seen by the steady upward trend of both business and finances. The loosening of the purse strings has had much to do with these improved conditions, and the sooner we all get to it, the better off we will be. It is the one hope to which American business has pinned her faith.

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WHAT CAR IS THIS? \$250 IN REWARDS



My selection is.....

Name.....

Address.....

Do You Know This One?

Here's a Car You Can Name.

Here is a car you have seen time and time again. It has been advertised and ridden in for quite a while. It has distinctive lines and does not look like any other car, so that you should have mighty little trouble in writing its name, and tearing it out to keep with the other answers in the Automobile Title Contest which gives you a chance to get some of the \$250 rewards.

Thirty cars will be shown—one a day—all absolutely true to life and all easily identified with just the slightest exercise of your ingenuity. If you don't know what this particular car is, it should not take very long to find out if you will stand on the curb and wait until one comes along. It will.

Then remember that there are only twenty-six more that you have to name, and you will get a lot of fun in finding out just how much you know about cars by sight.

The serious side of this contest is

N. Y. "JAY WALKING" LAW IS THREATENED

Traffic Court Magistrate Takes Up Cudgel for "Downtrodden Pedestrians."

Ever since the first self-propelled vehicle clattered down the main street of our little village the "poor, downtrodden pedestrian" has had the better of the argument. Public opinion, by other necessities. That period is rapidly passing, and will soon be forgotten. Normalcy is on its way as can be seen by the steady upward trend of both business and finances. The loosening of the purse strings has had much to do with these improved conditions, and the sooner we all get to it, the better off we will be. It is the one hope to which American business has pinned her faith.

Just now, in New York city, magistrate Frederick B. House, of the traffic court, takes up the cudgel in behalf of the pedestrian whose sacred rights are threatened by an ordinance likely to be passed by the board of alderman and forbidding the pedestrian from "jay-walking" or crossing streets at places other than corners. The abridgement of certain rights is one of the penalties that attach to life in great cities; also it is a disadvantage perhaps amply offset by the conveniences that come from close proximity and ease of communication. In the centers of population at least regulation of the pedestrian is inevitable.

Since the proposed legislation is intended to safeguard the pedestrian, the public will soon come to recognize its inherent virtue. Other things have been prohibited of late without precipitating "riots and crime" such as the learned gentleman predicts will follow attempts to make it illegal for the pedestrian to risk his life and limbs wherever it pleases him to jeopardize them on the streets and highways.

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NO MORE INSURANCE ON AUTO EQUIPMENT

Companies Tired of Paying for Uncoverable Extra Shoes and Tools.

NEW YORK, Sept. 18.—At a meeting of the Eastern Automobile Underwriters' Conference at which 90 per cent of the insurance companies writing automobile theft insurance were represented, it was decided that after October 1 they would discontinue insuring equipment.

It was explained that theft losses for the last year have been running from 50 to 200 per cent of the premiums paid on this class of insurance, and that only about 10 per cent of the equipment stolen by thieves who specialize in pilfering extra tires, tools, motor meters and other accessories, have been recovered.

In the new clause to be inserted in the policies the only chance to recover on motor car equipment is where the automobile itself is stolen. If not recovered after a certain time the insurance will be paid in full as heretofore. At present there will be no change in the theft insurance rates for automobiles.

CAR BUCKING MEANS ENGINE IS MISSING

The time is here when the average owner of an automobile prefers to help keep his car in repair not only for economic reasons but because of the degree of pleasure that this work affords him.

When an engine bucks or jerks when driving the car at a very slow speed, particularly on high gear, it means that the motor is missing and there are several reasons why an engine may miss at low speed, and yet hit on all cylinders at higher rates of revolution. The breaker points may be worn rough or a trifle too far apart; the spark plug points may need setting up; one or more valves may leak; the mixture may not be suitable for slow running. If these possibilities are carefully examined the cause of the bucking will soon be found.

It is not generally known that

Electrical Supplies Auto Accessories

In taking over the INTERSTATE AUTO SUPPLY CO., we have inaugurated an entirely new system of management and, after renovation, completed an ENTIRELY NEW STOCK OF AUTO SUPPLIES AND EVERYTHING ELECTRICAL, including WIRELESS APPARATUS. A Special Added Attraction Is Offered to Customers in These Supplies

Spotlights
High-grade Spotlights, complete with mirror, \$4 up.

Lenses
(Complying with Maryland laws), including National, Glimmer, Conquer, Desser, Violet Ray and Macbeth—\$1.00 up.

A. & C. and Champion Spark Plugs.....65c to 90c
Good Quality Pumps.....\$1.50 up

Mirrors, a complete stock that conform with New Jersey laws.....\$1.25 up

Full Nickel-plated Spotlight with Mirror.....\$6.00

Full Nickel-plated Bar Bumpers.....\$9.00 up

Complete assortment of Fan Belts.

Fraternal Emblems for radiator fronts and caps.

Novelty Radiator Mascots and Caps.

All Standard Polishes, Soaps, Auto Paints at lowest prices.

OILLESS-NO-LEAK STAR K PISTON RINGS—Liberal discounts to garage owners, repairmen and owners of five cars or more.

Full Line of Whis Auto Specialties.

Largest Assortment of Cylinder Head Gaskets in City

1324 New York Avenue N. W.

Phone Franklin 6828

Thomas J. Williams

Everything Electrical INC. Auto Accessories

is a simple matter to attach many types of muffler cutouts, a job that anyone can do without special tools. This information is for the man who likes to do his own work. A muffler cutout is a desirable fixture on any car, inasmuch as it enables the operator to determine how the engine is working.

Wild Country Opened Up.
With the recent opening of the Wind River extension of the Rocky Mountain highway, it is said the last of the really wild lands of the United States are available to automobile travel. The total distance from Denver to the Yellowstone National Park over the route is 589 miles.



AUTO PAINTING
Body Work Upholstering, Recovering Tops
Side Curtains, Seat Covers

THE ACME AUTO TOP CO.
1421 Irving Street N. W. Telephone Col. 5276

USED CARS

At Prices and Terms That Stagger Your Imagination

All of the following have been put in A-1 mechanical condition; good tires many with extra, and some repainted. We are going to CLEAN HOUSE for NEW STOCK, and to responsible buyers we are offering an opportunity that seldom comes in a lifetime. There are only a few, and you will have to act quick to drive in this greatly reduced sale.

FRANKLIN TOURING.....\$300 cash, bal. monthly
FRANKLIN COUPE.....\$300 cash, bal. monthly
FRANKLIN SEDAN.....\$800 cash, bal. monthly
FRANKLIN ROADSTER.....\$850, left for sale

GRANT 6 TOURING.....\$150 cash, bal. monthly
REO ROADSTER.....\$150 cash, bal. monthly
BUICK TOURING.....\$300 cash, bal. monthly
HOLMES 7 PASS. TOUR.....\$600 cash, bal. monthly

CALLAN MOTOR CAR COMPANY

"The Home of Good Cars, and Good Service."
1507 14th St. N. W.

Distributors.

GRANT 6 HOLMES air cooled

\$5,000.00 CASH BIRMINGHAM CHALLENGE

This sum will be placed in the hands of any local bank by BIRMINGHAM MOTORS, of Falconer, N. Y., against a like amount to back up this challenge:

"That The Birmingham is the easiest riding car in the United States. That it will go over rough roads faster with safety than any other car, regardless of price or make. Contestants must follow The Birmingham at the same rate of speed over a road constructed by us and designed to test the strength and riding qualities of a car under exceptionally rough conditions. Open to any and all makes of cars."

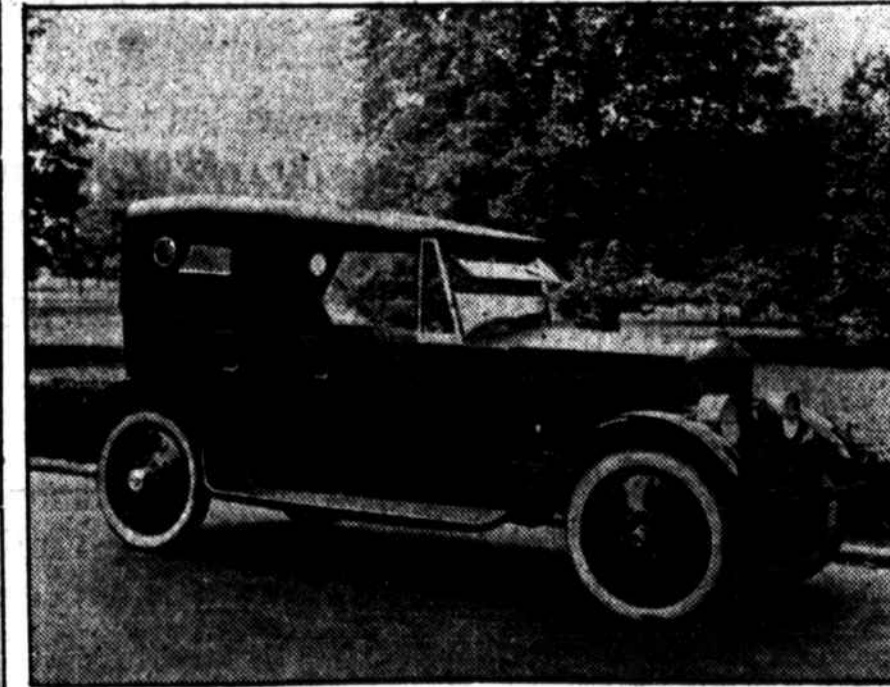
BIRMINGHAM cars have arrived in Washington for demonstration, and will meet all comers.

Many of the world's famous cars are expected to contest the claims of the BIRMINGHAM Challenger.

It will be the greatest demonstration of fierce fighting for supremacy in Automobile History. Don't fail to see it. Likely never again to be repeated. See Automobile History made, and remember—there is \$5,000.00 cash that the BIRMINGHAM is the easiest riding car ever built.

Birmingham Motors expressly states that it will not be responsible for damages on account of death or injury to any one connected with these who contest our challenge.

These cars are beautiful of line and finish, 30% to 50% lighter than any car of the same wheel base. Be sure to see them put through sensational performances—tests that would wreck other cars.



THE BIRMINGHAM

NO-AXLE CARS

WILL BE DEMONSTRATED

MONDAY-TUES.-WED.

On North Capitol Street Between L and M, Northeast

AT 5:00 P.M.

Automobile history will be made this week at the Birmingham demonstration. Thousands of Washingtonians will be present to see the No-Axle cars run over a specially constructed road MADE OF LOGS. The Birmingham will travel this specially constructed road at a speed that would wreck cars of present day construction.

BIRMINGHAM MOTORS

703-4 Equitable Bldg.
816 14th Street N.W.